CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 87-149

NPDES PERMIT NO. CA0005410

AMENDMENT OF ORDER NO. 79-81
TO ADOPT SELF-MONITORING PROGRAM
REQUIREMENT FOR:

DESOTO, INCORPORATED
BERKELEY, ALAMEDA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region finds that:

1. The Regional Board adopted Order No. 79-81 on July 17, 1979, prescribing waste discharge requirements for DeSoto, Inc., hereinafter called the discharger.

2. The proposed amendment will revise the Order to include a self- monitoring program and the revised "Standard Provisions and Reporting Requirements", dated December 1986.

3. The Board has notified the discharger and interested agencies and individuals of its intent to adopt a self-monitoring program requirement for DeSoto, Incorporated.

4. The amendment of waste discharge requirements for this discharge is exempt from the provisions of Chapter 3 (commencing with Section 21000) of Division 13 of the Public Resources Code (CEQA) pursuant to Section 13389 of the California Water Code.

5. The Board, in a public meeting, heard and considered all comments pertaining to this discharge.

IT IS HEREBY ORDERED that the Regional Board amends Order No. 79-81 to read as follows:

Provisions C. 4. and C. 6 are amended to read as follows:

4. The discharger shall comply with the self-monitoring program as adopted by the Board and as may be amended by the Executive Officer.

6. This Order includes all items of the attached "Standard Provisions and Reporting Requirements", dated December 1986.

I, Roger B. James, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on November 18, 1987.

ROGER B. JAMES
Executive Officer

Attachments:
Standard Provisions & Reporting
Requirements dated December 1986
Self-Monitoring Program

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM

FOR

DESOTO, INCORPORATED

BERKELEY, ALAMEDA COUNTY

NPDES NO. CA 0005410

ORDER NO. 87-149

CONSISTS OF

PART A, (dated 12/86)

AND

PART B

PART B

I. DESCRIPTION OF SAMPLING STATIONS

A. STORM WATER RUNOFF

Station	Descriptions
S-1	At a point in the storm sewer box located on the north end of the plant yard.
S-2	At a point in the storm sewer box located on the middle portion of the plant yard.
S-3	At a point in the storm sewer box located on the south end of the plant yard.
S-4	At a point in the containment vault where all stormwater runoff tributary to the vault is tested to determine for compliance with permit prior to discharge.

B. EFFLUENT

Station	Description
E-001	At any point in the outfall from the containment vault between the point of discharge to Virginia Street and the point at which all waste tributary to that outfall is present.

C. RAINFALL

Station	
R	A rain gauge that is maintained on-site that accurately measures daily rainfall.

II. SCHEDULE OF SAMPLING, MEASUREMENTS, AND ANALYSES

A. The schedule of sampling, measurements and analysis shall be that given As Table I.

I, Roger B. James, Executive Officer, hereby certify that the foregoing Self-Monitoring Program:

1. Has been developed in accordance with the procedure set forth in this Regional Board's Resolution No. 73-16 in order to obtain data and document compliance with waste discharge requirements established in Regional Board Order No. 87-149.

2. Is effective on the date shown below.

3. May be reviewed at any time subsequent to the effective date upon written notice from the Executive Officer or request from the discharger and revision will be ordered by the Executive Officer.

Roger B. James

ROGER B. JAMES
Executive Officer

NOVEMBER 23, 1987
Effective Date

Attachment: Table I

TABLE 1

SCHEDULE FOR SAMPLING, MEASUREMENTS, AND ANALYSIS

Sampling Station	E-001	
TYPE OF SAMPLE	G (1)	O
Flow Rate (GPM)		4/Y
BOD, 5-day, 20°C, or COD (mg/l & kg/day)		
Chlorine Residual & Dosage (mg/l & kg/day)		
Settleable Matter (ml/l-hr. & cu. ft./day)		
Total Suspended Matter (mg/l & kg/day)		
Oil and Grease (mg/l & kg/day)	4/Y	
Coliform (Total or Fecal) (MPN/100 ml) per req't		
Fish Tox'y 96-hr. TL % Surv'l in undiluted waste	4/Y	
Ammonia Nitrogen (mg/l & kg/day)		
Nitrate Nitrogen (mg/l & kg/day)		
Nitrite Nitrogen (mg/l & kg/day)		
Total Organic Nitrogen (mg/l & kg/day)		
Total Phosphate (mg/l & kg/day)		
Turbidity (Jackson Turbidity Units)		
pH (units)	4/Y	
Dissolved Oxygen (mg/l and % Saturation)		
Temperature (°C)		
Apparent Color (color units)		
Secchi Disc (inches)		
Sulfides (if DO<5.0 mg/l) Total & Dissolved (mg/l)		
Arsenic (mg/l & kg/day)		
Cadmium (mg/l & kg/day)	4/Y	
Chromium, Total (mg/l & kg/day)	4/Y	
Copper (mg/l & kg/day)		
Cyanide (mg/l & kg/day)		
Silver (mg/l & kg/day)		
Lead (mg/l & kg/day)	4/Y	

TABLE I (continued)

SCHEDULE FOR SAMPLING, MEASUREMENTS, AND ANALYSIS

Sampling Station	E-001				R									
TYPE OF SAMPLE	(1) G	O			C-X									
Mercury (mg/l & kg/day)	4/Y													
Nickel (mg/l & kg/day)														
Zinc (mg/l & kg/day)	4/Y													
Phenolic Compounds (mg/l & kg/day)														
All Applicable Standard Observations														
Bottom Sediment Analyses and Observations														
Rainfall (in/day)					D									
Total Organic Carbon (TOC)	4/Y													
Hexavalent Chromium														
Unionized Ammonia (as N)														
Selenium														
Volatile Organics (2)	4/Y													
Acid Base/Neutral Organics (3)	4/Y													

LEGEND FOR TABLE I

TYPES OF SAMPLES

G = grab sample
O = observation
C-X = Composite sample - X hours (when discharge not continuous for 24-hour period)

TYPES OF STATIONS

I = intake station
E = waste effluent station
R = rainfall station

FREQUENCY OF SAMPLING

E = Each discharge occurrence in excess of .15" of rain

4/Y = four times per year during discharge occurrence

D = daily during wet weather

FOOTNOTES FOR TABLE I

(1) Take a minimum of 3 grab samples on the day sampling. The first sample for each day shall be taken during the first hour of discharge, and the others at equal time intervals thereafter. The three samples shall be combined and analyzed.

(2) Volatile Organic Toxic Pollutants shall be analyzed using EPA Method 624 of the July 1982, Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater, EPA-600/4-82-057. In addition, all other peaks appearing in the reconstructed ion chromatograph above the detection limit shall be quantified based on the nearest internal standard.

FOOTNOTES FOR TABLE I (CONTINUED)

(3) Acid and Base/Neutral Extractable Organic Toxic Pollutants shall be analyzed using EPA Method 625 of the July 1982, Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater, EPA-600/4-82-057. In addition, the ten most prominent peaks appearing in the reconstructed ion chromotagraph above the detection limit shall be quantified based on the nearest internal standard.